

advance - Power-BTE

Performance level: 152/252/352/552/652/852



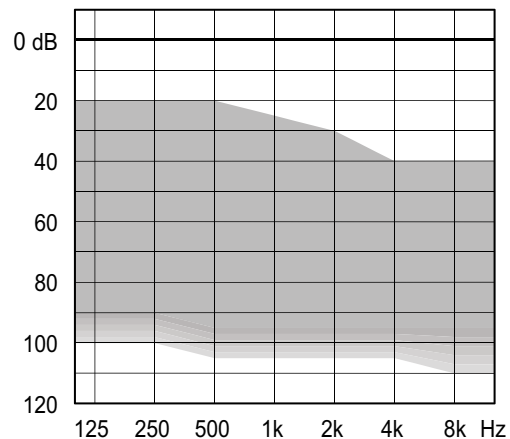
The Power-BTE is based upon the new Technology Platform with Sound Class Technology for automated classification of sound environments and optimal sound processing determined by the sound classes.

With wireless connectivity technology, and compatible with the DEX assistive listening devices.

Volume control, program button and telecoil are standard. Uses a size 13 battery.

Minimal to severe-to-profound hearing losses.

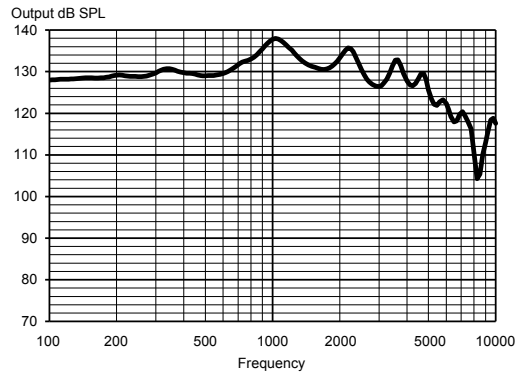
Suggested fitting range



	152	252	352	552	652	852
Processing channels and fine tuning channels	4	4	4	6	10	15
Digital Pinna					Yes	Yes
TruSound Softener				Yes	Yes	Yes
Audibility Extender			Yes	Yes	Yes	Yes
Soft-level noise reduction			Yes	Yes	Yes	Yes
Zen			Yes	InterEar	InterEar	InterEar
Connectivity and wireless compatibility		via DEX	via DEX	via DEX	via DEX	via DEX
Preference control	Yes	Yes	Yes	Yes	Yes	Yes
HD Locator	Broadband	Broadband	Broadband	6	10	15
Sound Class Technology	1	1	1	3	5 (InterEar)	9 (InterEar)
Focus Mode	Yes	Yes	Yes	Yes	Yes	Yes
Number of programs	3	3	3	3	4	5
Variable Speed Compression	Classic	Classic	Yes	Yes/InterEar	Yes/InterEar	Yes/InterEar
Speech Enhancer and Noise Reduction	minimal	Comfort	Comfort	Noise Reduction	Speech Enhancer	RT Speech Enhancer
Program selectable	4	5	6	9	10	12

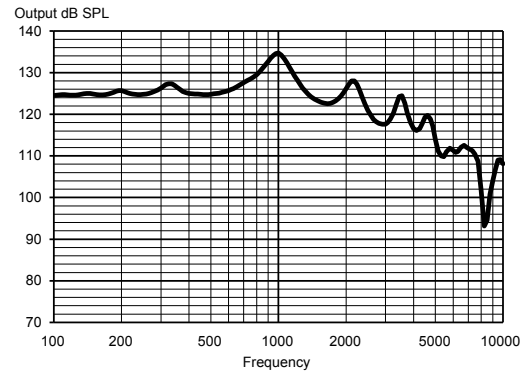
Maximum output - Ear simulator

IEC 60118-0



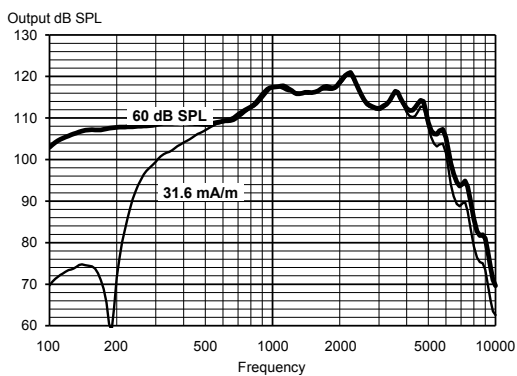
Maximum output - 2cc coupler

IEC 60118-7



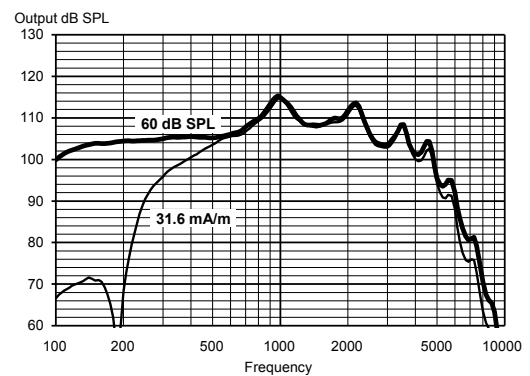
Output - Ear simulator

IEC 60118-0



Output - 2cc coupler

IEC 60118-7



Technical data Typical data obtained through standard pure tone measurements. Hearing aid set to Compass Reference Test Gain, unless stated otherwise. Measured using a normal hook and standard BTE coupler.

		IEC 60118-0	IEC 60118-7
OSPL90	1600 Hz	131 dB SPL	123 dB SPL
	Peak	138 dB SPL	135 dB SPL
	Average	133 dB SPL	126 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	116 dB SPL	109 dB SPL
	Peak	121 dB SPL	115 dB SPL
	Average	115 dB SPL	110 dB SPL
Max gain (Input 50 dB SPL, Compass Full-on gain)	1600 Hz	67 dB	59 dB
	Peak	77 dB	75 dB
	Average	72 dB	63 dB
Telecoil output (Input 31.6 mA/m)	1600 Hz	117 dB SPL	109 dB SPL
	Peak	121 dB SPL	115 dB SPL
	Average	114 dB SPL	110 dB SPL
Frequency range		100 Hz - 6250 Hz	100 Hz - 6100 Hz
Harmonic distortion	500 Hz	<2%	<2%
	800 Hz	<2%	<2%
	1600 Hz	<2%	<2%
Equivalent input noise		20 dB SPL	21 dB SPL
Battery drain (stand by)		0.95 mA	0.95 mA
Battery drain		1.03 mA	0.97 mA
Battery life / hours (Type 13 Zn-Air, 270 mAh)		260 (>220)	280 (>230)
Mobile phone immunity		IRIL: -15/22/-17 dB SPL	U-rating: M4* / T4*

* Low Band